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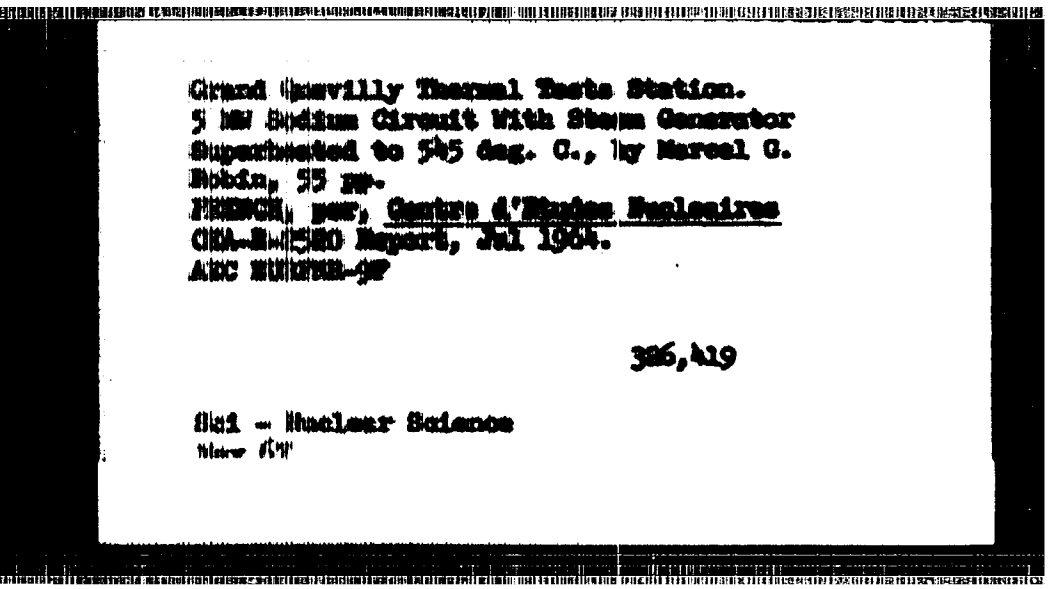

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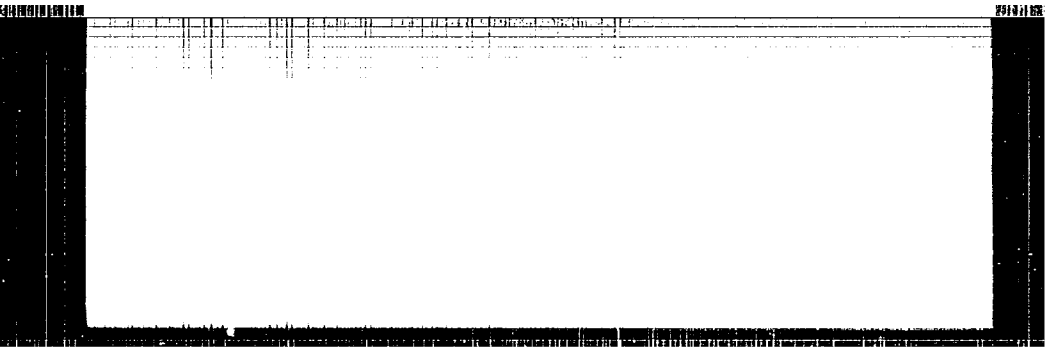

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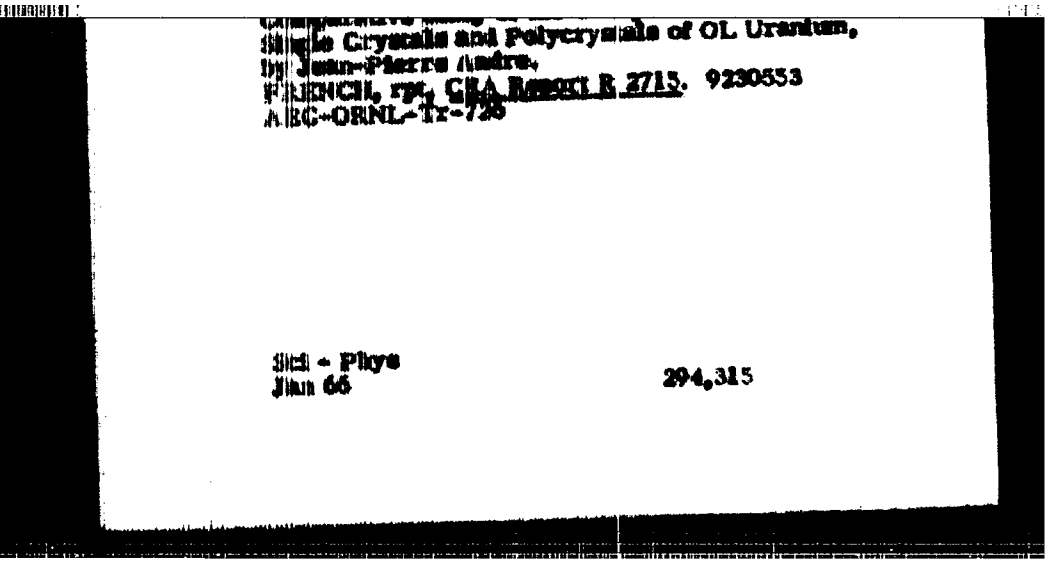

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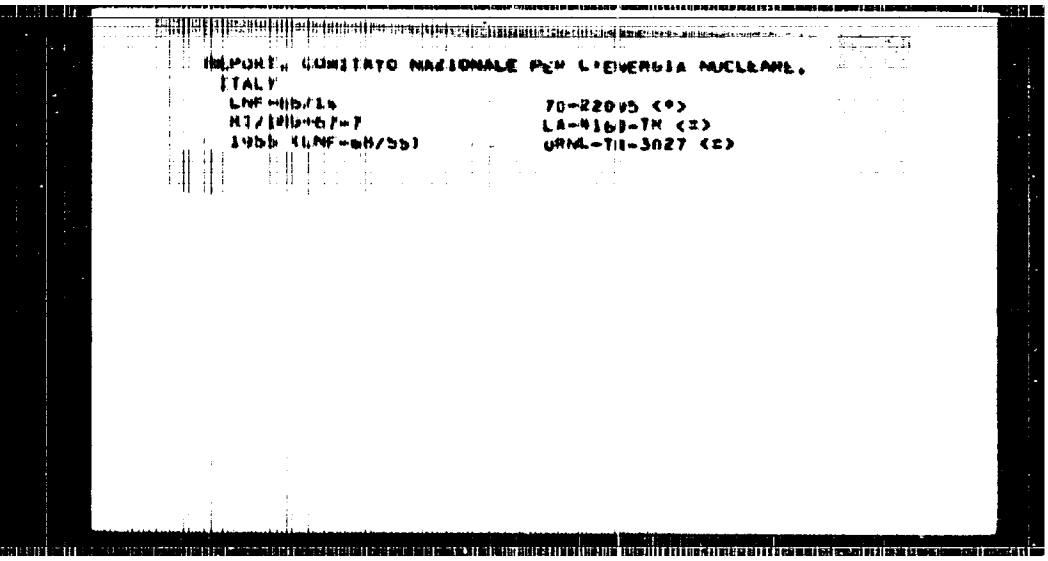

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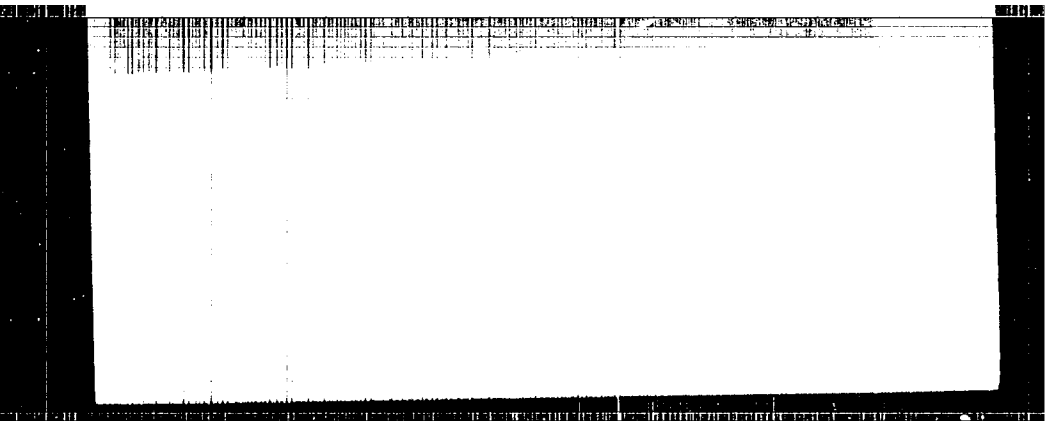

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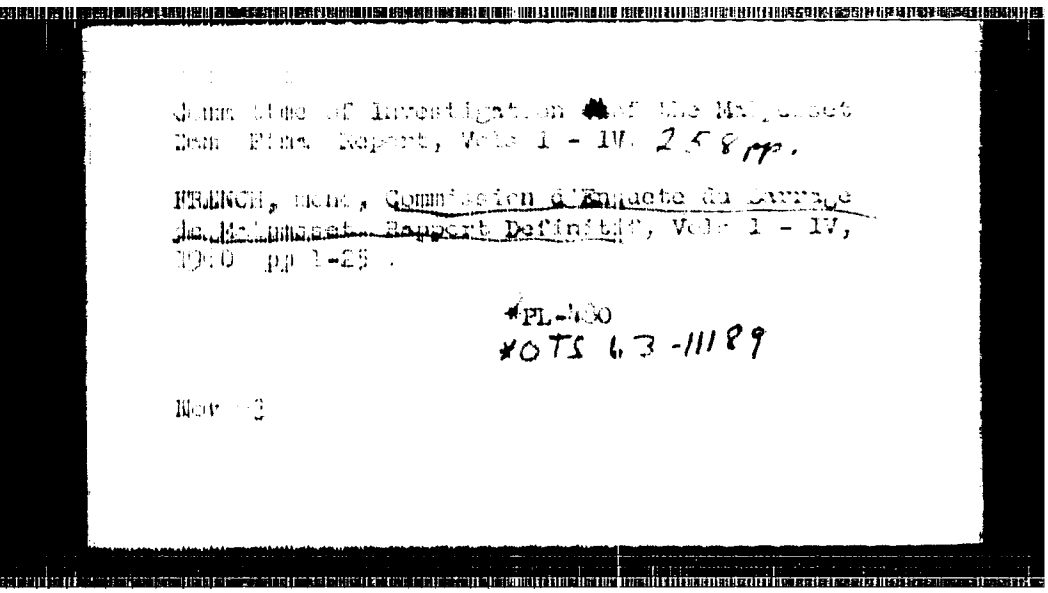

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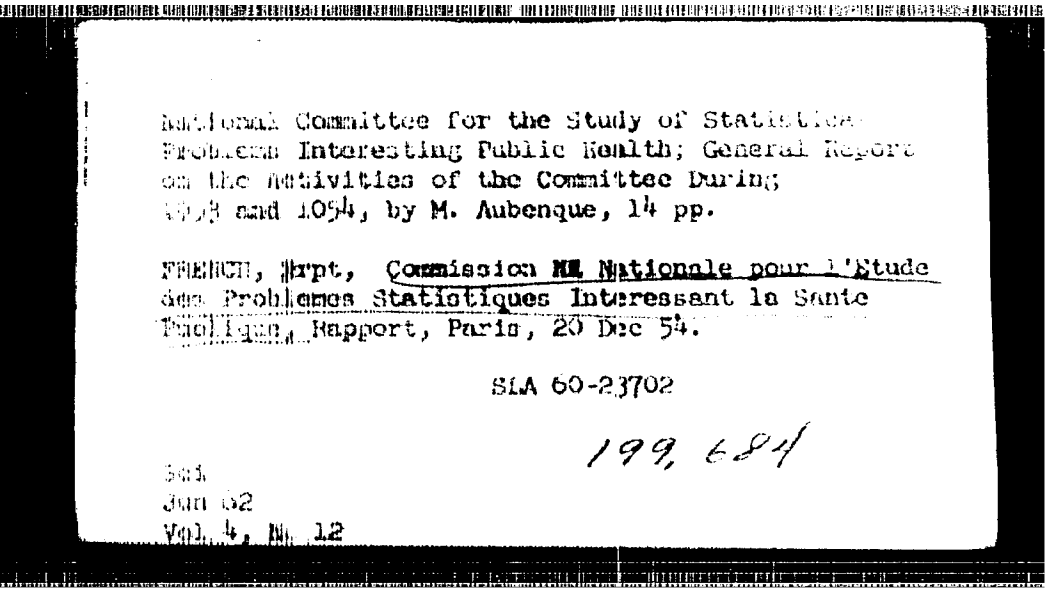

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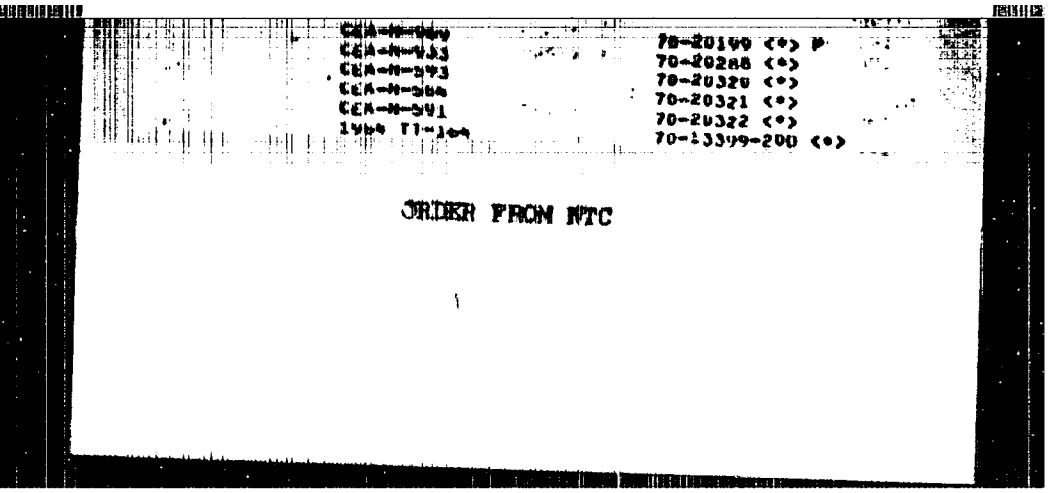

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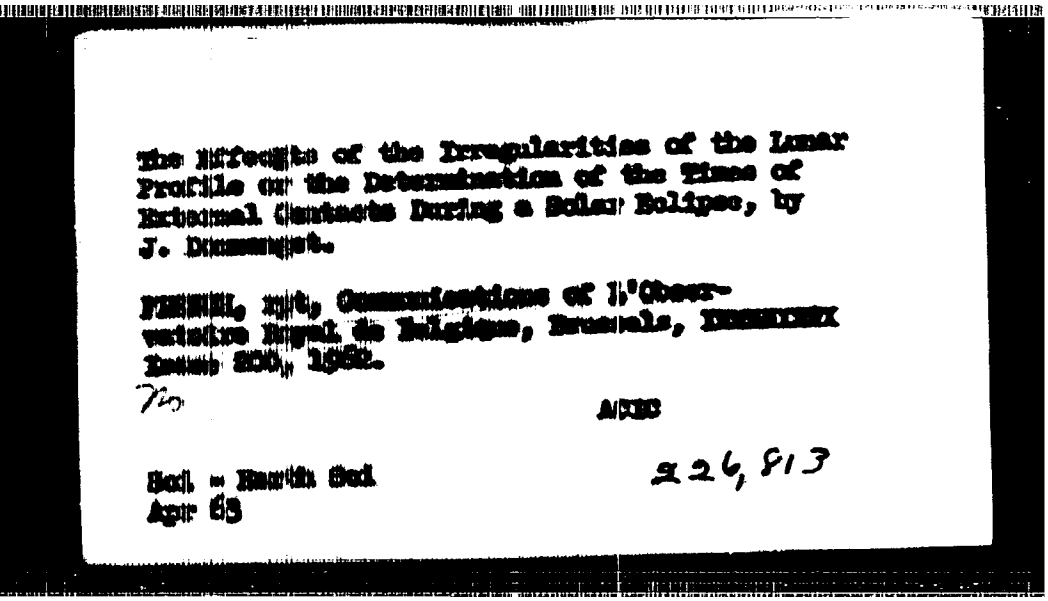

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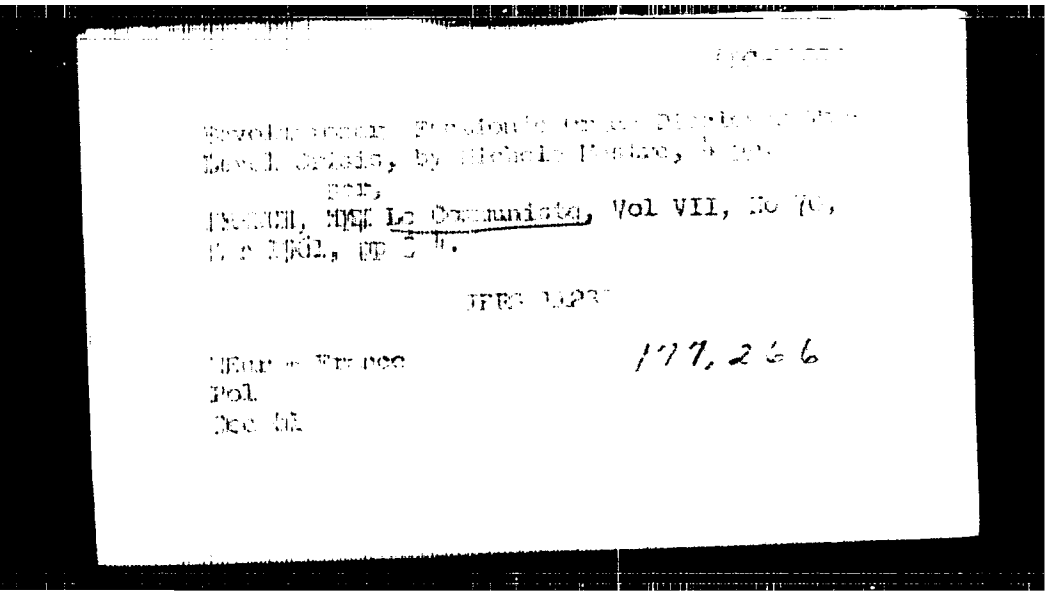

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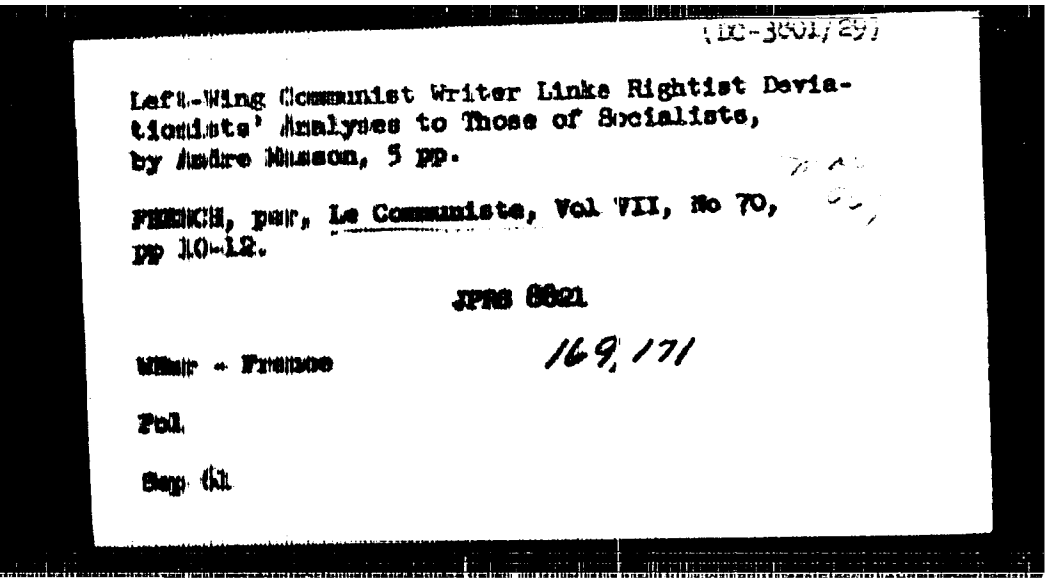

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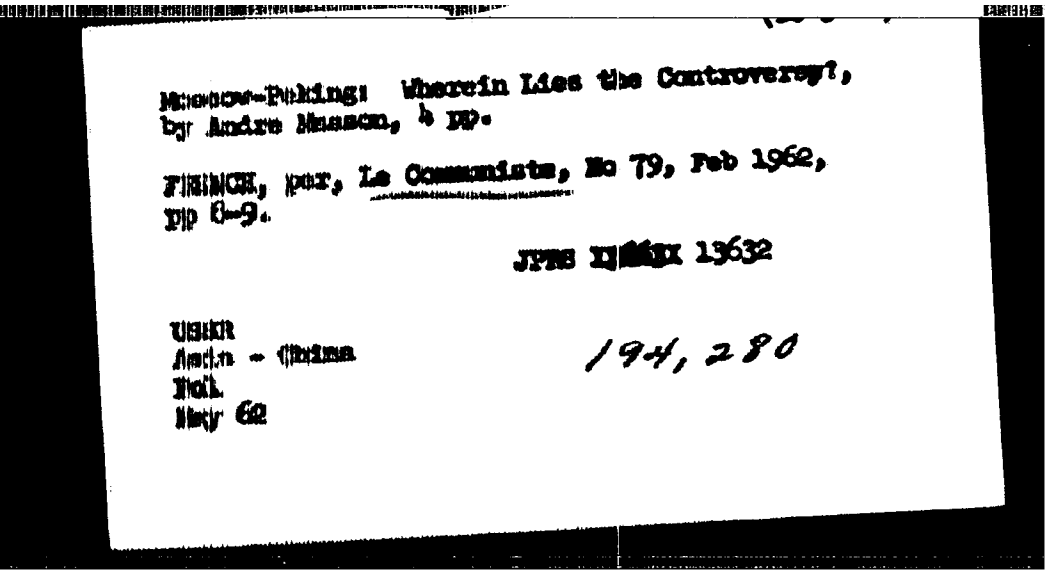

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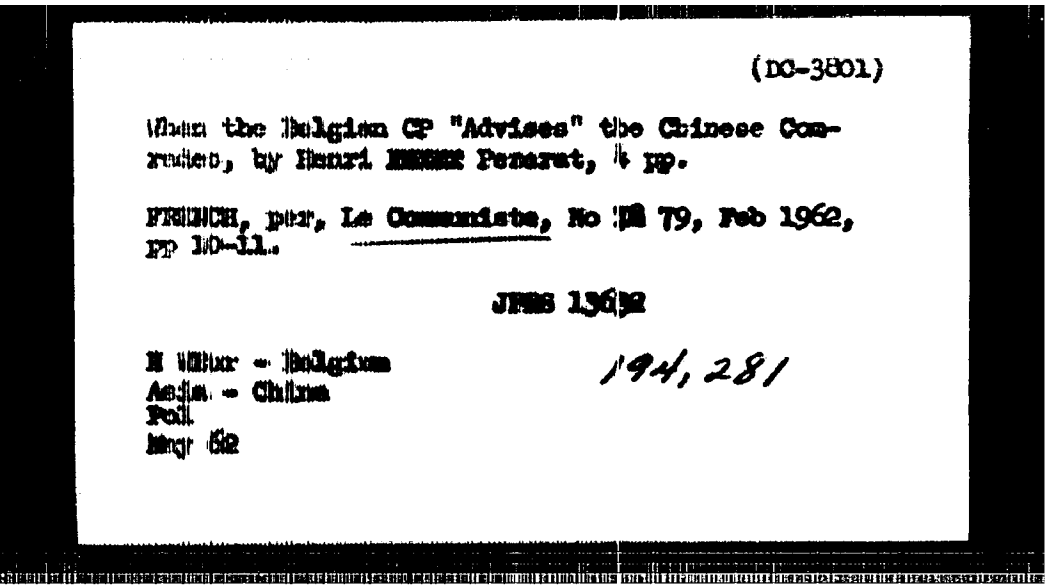

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(DO-3801)

On the Philosophic [redacted] Front: The Danger of the Germany-Vigier Positions, by M. M., 5 pp.

FRENCH, per, Le Communiste, No 79, Feb 1962, pp 13-14.

JPRS 13692

[redacted]-[redacted]
Feb
[redacted] 62

194, 282

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

EVOLUTION OF THE SPANISH AND PORTUGUESE COMMUNIST PARTIES, BY PAUL COURBET, 4 PP.

FRENCH, NP, LE COMMUNISTE, NO 83, JUN/JUL 1962, P 15.

JPRS 15113

WEUR - SPAIN
POL
WEUR - PORTUGUAL
POL
OCT 62

212,948

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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To Defend Cuba: Nuclear War or Revolution,
by Michel Audoux, 4 pp.

FRENCH, per, Le Communiste, Vol IX, No 84,
Sep-Oct 1962, pp 10-11.

JPRS 16429

LA - Cuba
Pol
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Moscow Economic Conference Sets Up Barricade Against Revisionism, by Mathias Corvin, 4 pp.

FRENCH, per, Le Communiste, Vol IX, No 84, Sep-Oct 1962, pp 11-12.

JPRS 16429

USSR
Pol
Dec 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

GARAUDY ATTACKS STALIN -- AND HOW', BY HENRI PEZERAT, 5 PP.

FRENCH, PER, LE COMMUNISTE, VOL. IX, NO 84, SEP-OCT 1962, PP 13-14.

JPRS 16129

WE UR - ITALY
POL
DEC 62

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

REVISIONISTS CASUSE ITALIAN CP CRISIS,
BY ANDRE MASSON, 5 PP.

FRENCH, PER, LE COMMUNISTE, VOL. IX, NO 85,
NOV 1962, PP 12-14.

JPRS 16939

WEUR - ITALY
POL
JAN 63 218,768

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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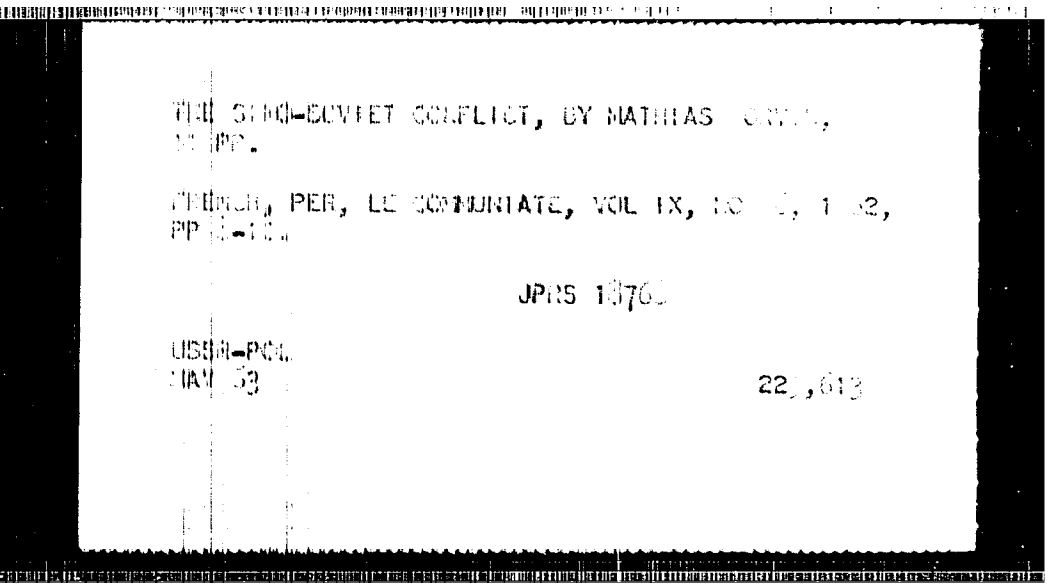

THE SINO-SOVIET CONFLICT, BY MATHIAS [illegible],
[illegible].

FRENCH, PER, LE COMMUNISME, VOL IX, [illegible], 1962,
PP [illegible].

JPRS 13762

USSR-POL
JAN 63

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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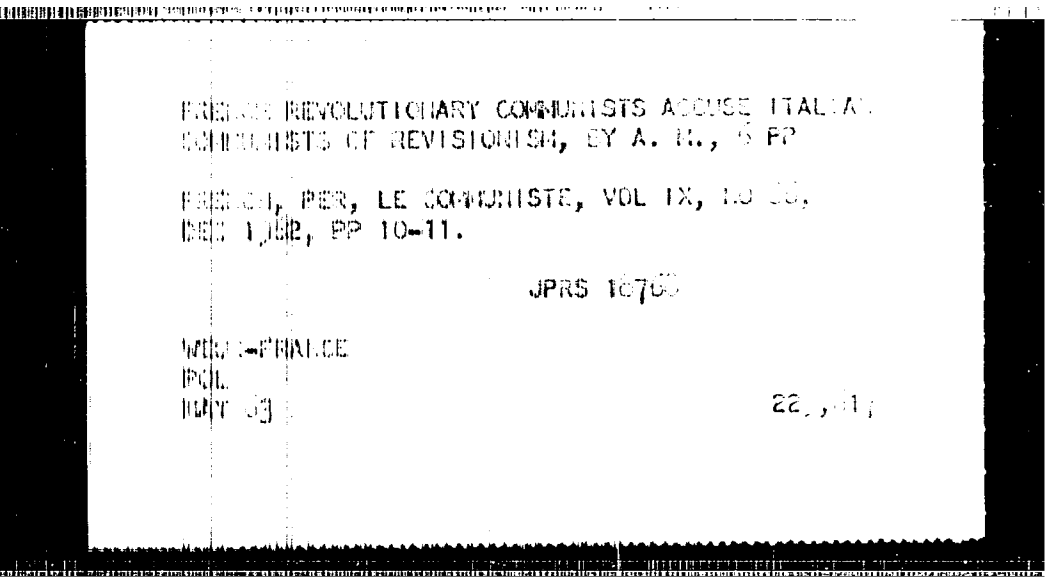

FRENCH REVOLUTIONARY COMMUNISTS ACCUSE ITALIAN COMMUNISTS OF REVISIONISM, BY A. K., 5 PP

FRENCH, PER, LE COMMUNISTE, VOL IX, NO 33, DEC 1,[illegible], PP 10-11.

JPRS [illegible]

WEST-EUROPE
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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PROBLEMS OF THE SINGLE PARTY SYSTEM IN ALGERIA, BY HENRI PEZERAT, 7 PP.

FRENCH, PER, LE COMMUNISTE, NO 88, 1963, P 6.

JPRS 18996

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MAY 63

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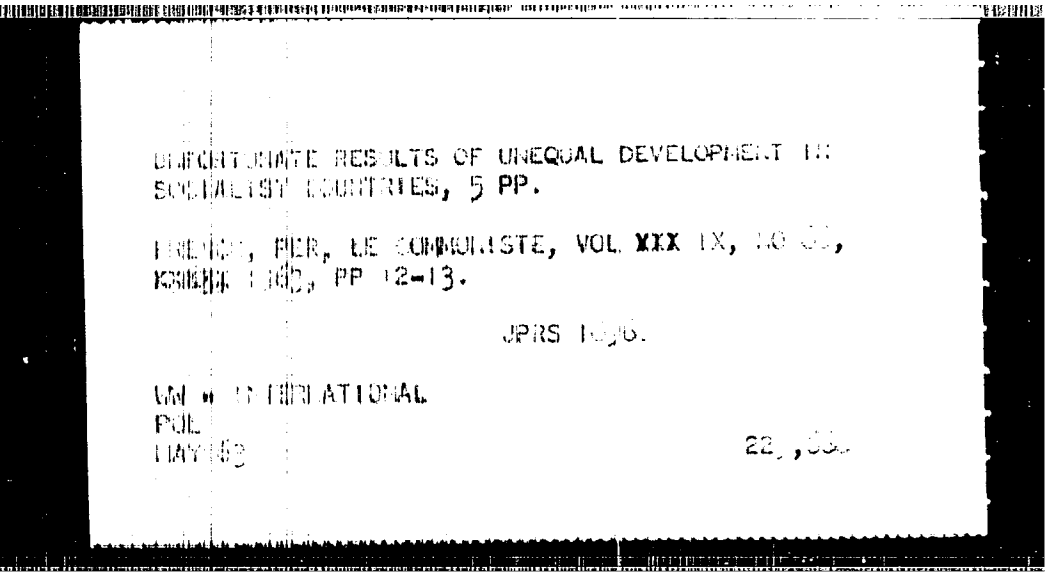

UNFORTUNATE RESULTS OF UNEQUAL DEVELOPMENT IN SOCIALIST COUNTRIES, 5 PP.

[illegible], PCR, LE COMMUNISTE, VOL XXX IX, [illegible], [illegible], PP 12-13.

JPRS [illegible].

UN [illegible] INTERNATIONAL
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MAY [illegible]

22, [illegible]

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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WHAT SHOULD BE THE GENERAL LINE OF THE INTERNATIONAL COMMUNIST MOVEMENT, BY MICHELE MESTRE, 5 PP

FRENCH, PER, LE COMMUNISTE, NO 92, JUNE-JULY 1963, PP 3-4.

JPRS 20548

FE-CHINA

POL
AUG 63

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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LE COMMUNISTE EXPOUNDS PROBLEMS OF REGROUPING REVOLUTIONARY FORCES, BY M. M., 6 PP

FRENCH, PER, LE COMMUNISTE, VOL X, NO 93, 1963, PP 3, 4.

JPRS 21639

WE--FRANCE
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NOV 63

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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LE COMMUNISTE CRITICIZES SOVIET LEADERS, BY MICHELE MESTRE, 5 PP.

FRENCH, PER, LE COMMUNISTE, VOL X, NO 93, 1963, PP 8, 9.

JPRS 216.9

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NOV 63

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The Question of the Single Party in Algeria,
5 pp.
FRENCH, per, Le Communiste, Dec 1963, Jan 1964,
pp 12, 14.
JPRS 24171

AFRICA
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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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Challenges Chinese Communists to Debate Theory, 5 pp.
FRENCH, per, Le Communiste, No 98, Feb 1964, pp 8, 9.
JPRS 24259

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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Emphasizes Need for a Communist International,
5 pp,
FRENCH, per, Le Communiste, Vol X, No 100,
Apr 1964, pp 8, 9.
JPRS 25141

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Jun 64 262,057

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Dissident Revolutionary Wing of RFrench Communist Party States its Case, by Michele Mestre, 5 pp.
FRENCH, per, La Communiste, Vol X, No 100, Apr 1964, pp 3, 4.
JPRS 25141

Wil-France
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Jun 64

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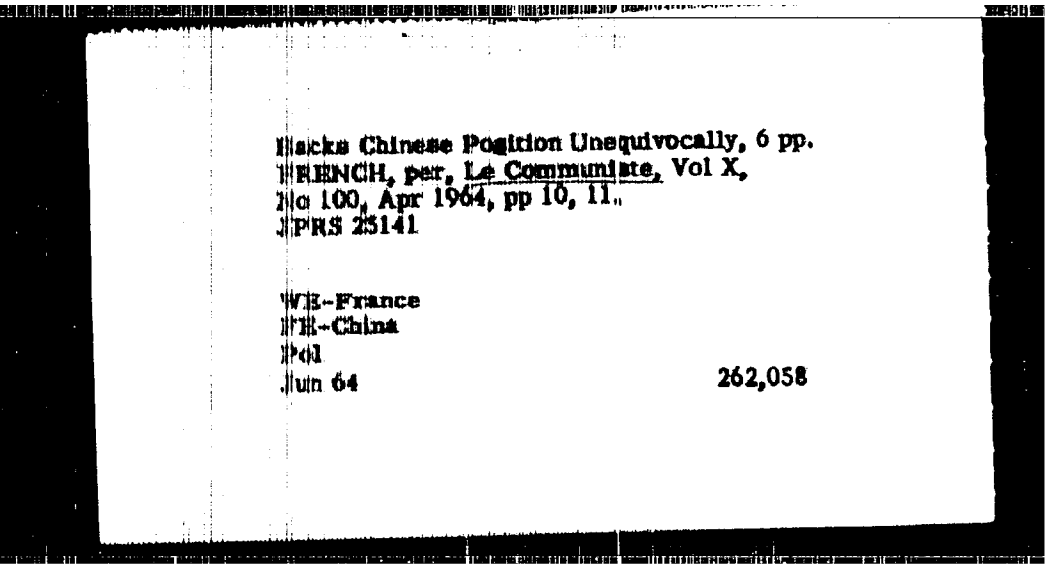

lacks Chinese Position Unequivocally, 6 pp.
FRENCH, per, Le Communiste, Vol X,
o 100, Apr 1964, pp 10, 11.
PRS 25141

WE-France
FE-China
Pol
Jun 64 262,058

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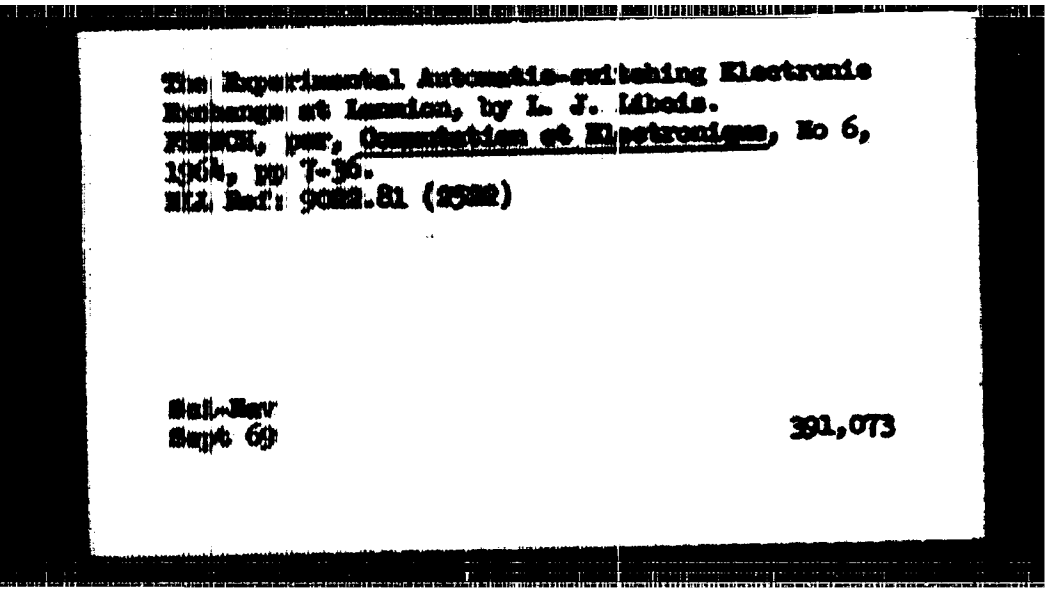


The Experimental Automatic-switching Electronic Exchange at Lannion, by L. J. Libois.
FRENCH, per, Commutation et Electronique, No 6, 1964, pp 7-30.
MIT Ref: 9082.81 (2582)

Mil-Rev
Sept 65

391,073

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Villelongue, A. de and Legare, R.
SOCOTEL SI SUB EXCHANGES AND CONCENTRATORS. [1963] [41p] 4refs
Order from SLA $4.60 TT-64-14000

Trans. of Commutation et Electronique (France) 1962, no. 3, p. 30-35. (Abstract available)

DESCRIPTORS: *Telephone equipment, *Commutators, Automation, Circuits, *Communication equipment, *Synchron, Design.

The authors here discuss SOCOTEL SI sub exchanges and concentrators. After reviewing the general principles which led to their inception, they present the connection diagrams and describe the equipment; they also indicate the principles of establishing and disconnecting calls as well as the operation of the auxiliary link and end with comments on methods of supplying power. In conclusion, the results obtained to date and the fabrication methods are briefly reviewed. (Author)

TT-64-14000

1. Title: Socotel electronic equipment
I. Villelongue, A. de
II. Legare, R.

(Engineering--Electronic, TT, v. 11, no. 11)
Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Saget, L. le and Demartrea, J.
TELEGRAPH SATELLITES. [1963] 18p
Order from SLA $1.60 63-20640

Trans. of Commutation et Electronique (France) 1962, no. 3, p. 38-43.

DESCRIPTORS: *Telegraph systems, Telegraph equipment, Networks.

Owing to the present structure of the French automatic telegraph network, it is common to see large points of concentration of telex subscribers at relatively long distances from their automatic connecting switches. That is why the French Administration was prompted to recommend the use of a particular type of installation, the "telegraph satellite," which makes it possible to link up a hundred or several hundred telex subscribers and connect them to their automatic switching equipment over a reduced number of telegraph channels. (Research Methods--Communication Theory, TT, v. 10, no. 12) (over)

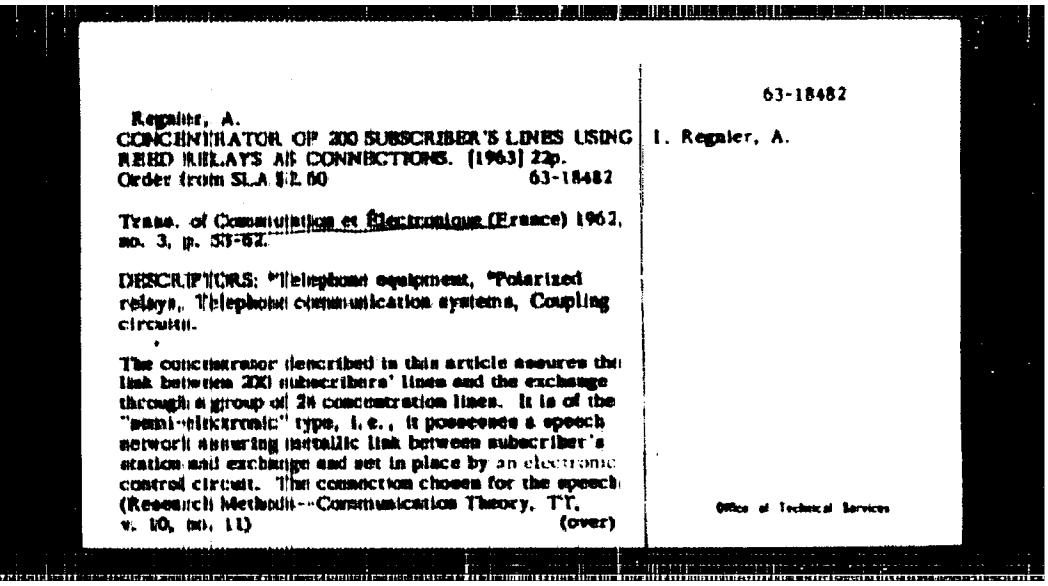
63-20640

I. Saget, L. le
II. Demartrea, J.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8



Regnier, A.
CONCENTRATOR OF 200 SUBSCRIBER'S LINES USING REED RELAYS AS CONNECTIONS. [1963] 22p.
Order from SLA $2.50 63-18482

Trans. of Commutation et Electronique (France) 1962, no. 3, p. 53-62.

DESCRIPTORS: *Telephone equipment, *Polarized relays, Telephone communication systems, Coupling circuits.

The concentrator described in this article assures the link between 200 subscribers' lines and the exchange through a group of 20 concentration lines. It is of the "semi-electronic" type, i.e., it possesses a speech network assuring metallic link between subscriber's station and exchange and set in place by an electronic control circuit. The connection chosen for the speech (Research Methods--Communication Theory, TT, v. 10, no. 11) (over)

63-18482

I. Regnier, A.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

How to Wear Decorations, by Orlando Guerreiro de Castro, 4 pp.

PORTUGUESE, rpt, Como Usar as Condecoracoes, Encl. to R-232-60.

ACSI L-0700
ID 215471

Walker - Portugual
MLL
14 May 62

194, 225

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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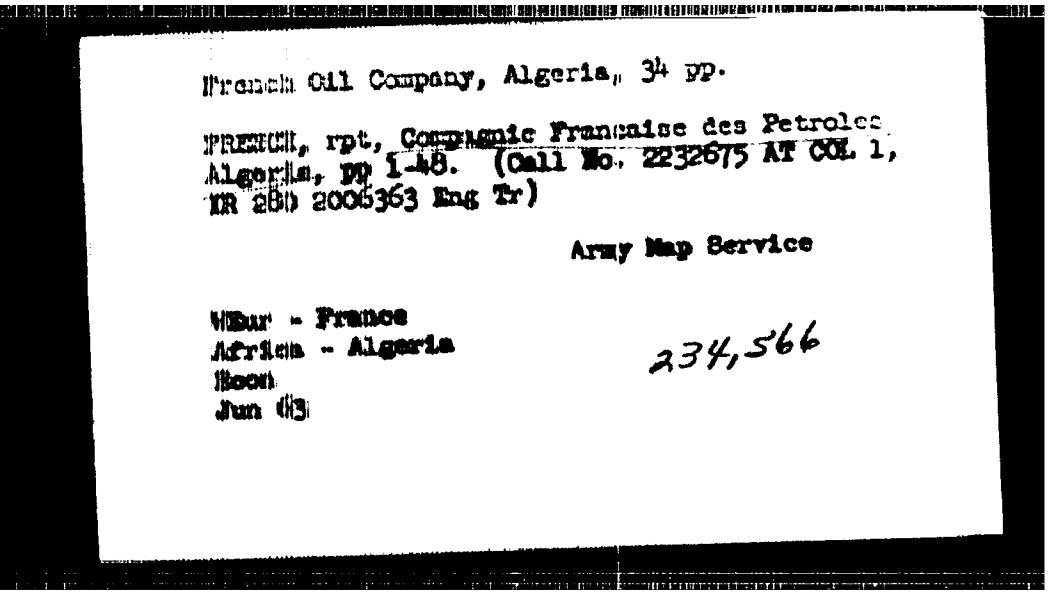

French Oil Company, Algeria, 34 pp.

FRENCH, rpt, Compagnie Francaise des Petroles Algeria, pp 1-48. (Call No. 2232675 AT COL. 1, IR 280 2006363 Eng Tr)

Army Map Service

WEur - France
Africa - Algeria
Econ
Jun 63

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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Non-Linear Resistances at the Base of Sintered Semiconductors, by M. O. Thieu-chi, Y. Suchet, 15 pp.

FRENCH, pub per, Compagnies Franc Assoc Telegraphie, Semic Fil Trans, Vol VI, No 26, Oct 1951.

SIA 3199

May 58

63,218

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Lakits, E.
MEASUREMENT OF THE INTERACTION IMPEDANCE PRESENTED BY THE WIDE BAND COUPLING CIRCUIT OF A KLYSTRON (Mesure de l'Impedance d'Interaction Presentee par le Circuit de Couplage a Large Band d'un Klystron). [1962] [28]p. (foreign text included) 4 refs.
Order from SLA $3.00 62-10629

Trans. of Compagnie Francaise Thomson-Houston [sic] [Rapport]-R/271, May 61, 14p.

DESCRIPTORS: *Klystrons, Measurement, *Electrical Impedance, Broadband, *Coupling Circuits.

(Engineering--Electronic, TT, v. 10, no. 2)

62-10629

1. Lakits, E.

Office of Technical Services

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The Pentaconta Relay. Notice Technique No 424.954, 24 pp.

FRENCH, pamphlet, Compagnie Generale de Constructions Telephoniques, Paris, 15 Apr 1954.

SLA 2640

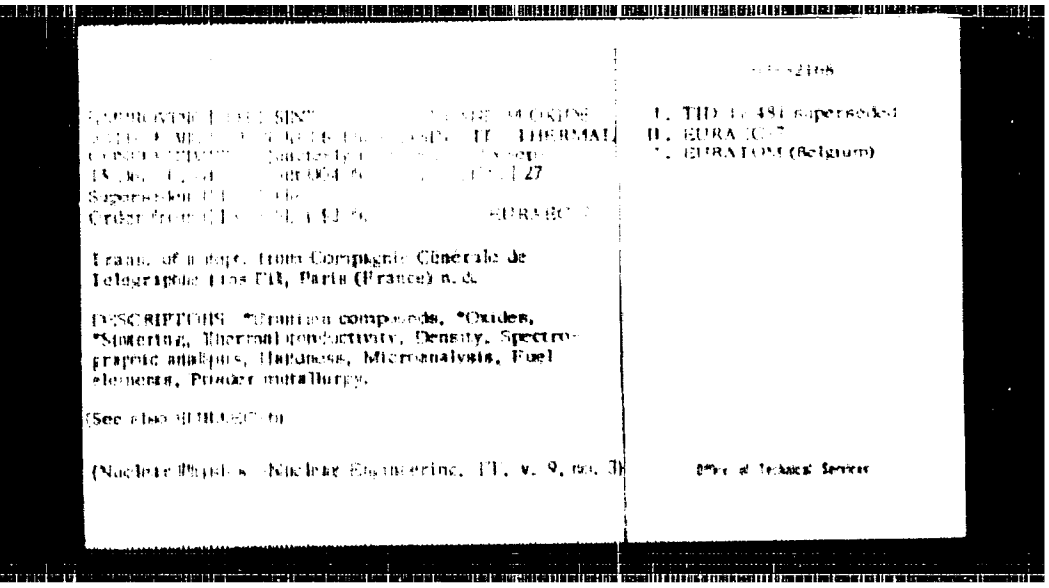
58,231

Sci - Electr on

Feb 58

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8



[redacted]

Exam. of paper from Compagnie Generale de Telegraphie Sans Fil, Paris (France) n.d.

DESCRIPTORS: *Uranium compounds, *Oxides, *Sintering, Thermal conductivity, Density, Spectrographic analysis, Hardness, Microanalysis, Fuel elements, Powder metallurgy.

(See also EURAEC [illegible])

(Nuclear Physics - Nuclear Engineering, IT, v. 9, no. 3)

[redacted]

1. TID [illegible] (superseded)
II. EURAEC [illegible]
III. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Simon, J. C.
OMNIDIRECTIONAL ANTENNA, PINE CONE TYPE.
[1962] [11]p. 2 refs.
Order from SLA $1.00 63-10745

Trans. from Compagnie Générale de Télégraphie Sans Fil, Paris (France). Internal Rept-CSF ACRT, 1955.

DESCRIPTORS: Antennas, *Omnidirectional antennas, Construction, Tables.

(Engineering--Electronic, TT, v. 10, no. 1)

63-10745

1. Simon, J. C.

Office of Technical Services

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

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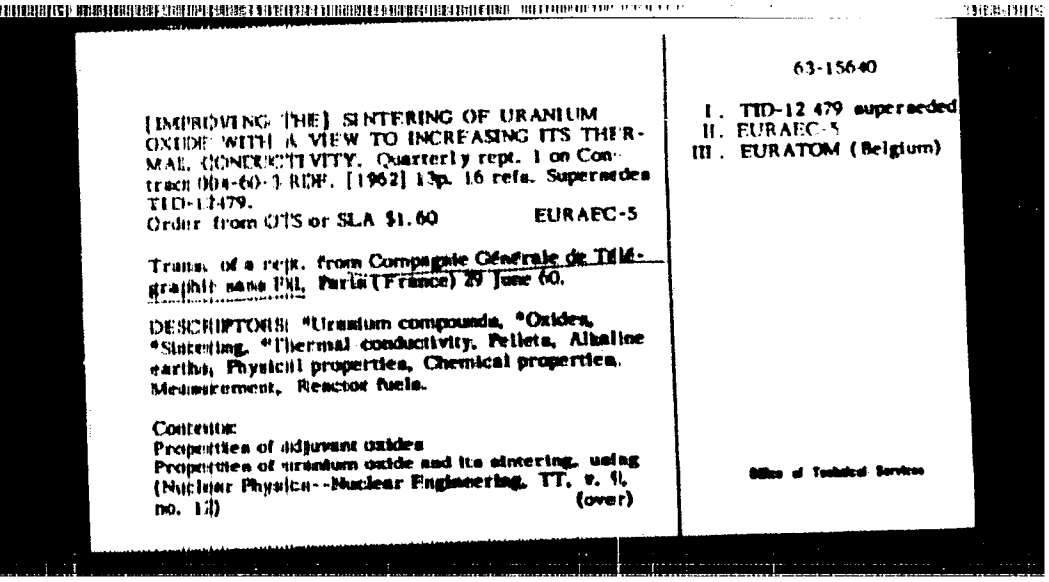

[IMPROVING THE] SINTERING OF URANIUM OXIDE WITH A VIEW TO INCREASING ITS THERMAL CONDUCTIVITY. Quarterly rept. 1 on Contract 004-60-1 RDF. [1962] 13p. 16 refs. Supersedes TID-12479.
Order from OTS or SLA $1.60 EURAEC-5

Transl. of a rept. from Compagnie Générale de Télégraphie sans Fil, Paris (France) 29 June 60.

DESCRIPTORS: *Uranium compounds, *Oxides, *Sintering, *Thermal conductivity, Pellets, Alkaline earths, Physical properties, Chemical properties, Measurement, Reactor fuels.

Contents:
Properties of adjuvant oxides
Properties of uranium oxide and its sintering, using
(Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 12)
(over)

63-15640

I. TID-12 479 superseded
II. EURAEC-5
III. EURATOM (Belgium)

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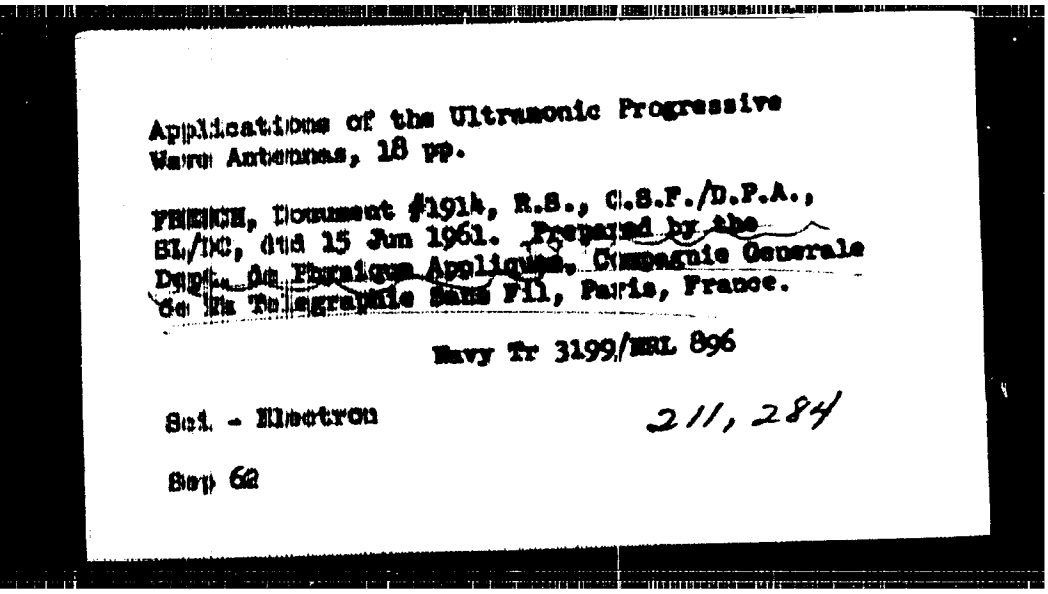

Applications of the Ultrasonic Progressive Wave Antennas, 18 pp.

FRENCH, Document #1914, R.S., C.S.F./D.P.A., BL/IC, dtd 15 Jun 1961. Prepared by the Dept. de Physique Appliquee, Compagnie Generale de la Telegraphie Sans Fil, Paris, France.

Navy Tr 3199/NRL 896

Sci. - Electron

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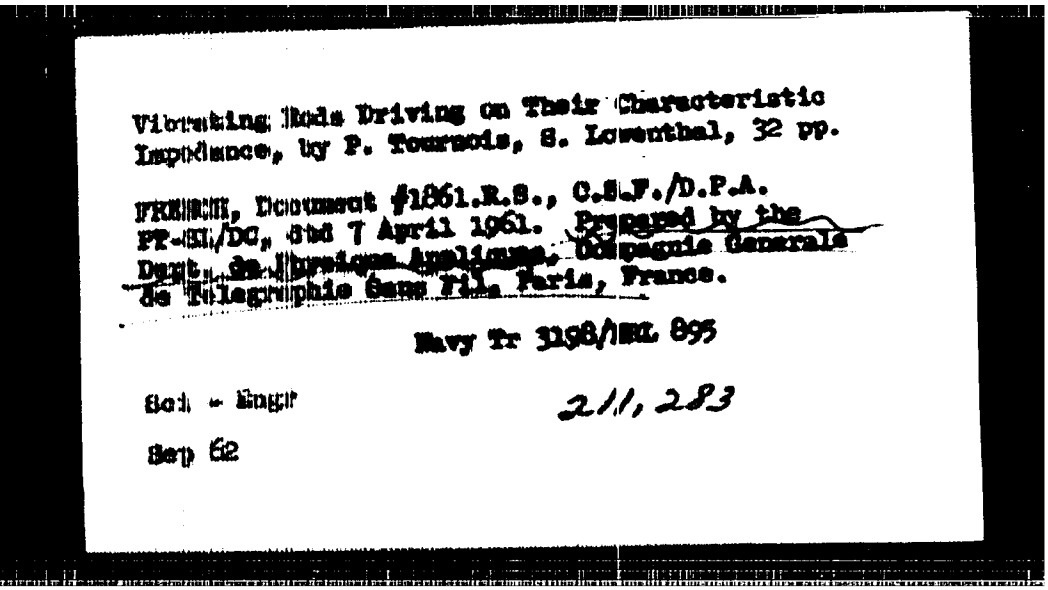

Vibrating Rods Driving on Their Characteristic Impedance, by P. Tourasis, S. Lowenthal, 32 pp.

FRENCH, Document #1861.R.S., C.S.F./D.P.A. FF-EN/DC, 3rd 7 April 1961. Prepared by the Dept. de Liaisons Anglaises, Compagnie Generale de Telegraphie Sans Fil, Paris, France.

Navy Tr 3198/HEL 895

Sol + Engr

211,283

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Study of a Cascade Image Intensifier Tube,
by S. Veron, D. Charles.
FRENCH, rpt, Compagnie Generale de Telegraphie
Sans Fil, Paris, 1962, 3 pp.
ERDL, Ft Belvoir T-1713
(AD - 434878)

Sci - Electron
Oct 64 267,619

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Study of a Cascade Image Intensifier Tube,
by S. Veron, D. Charles.
FRENCH, rpt, Compagnie Generale de Telegraphie
Sans Fil, Paris, 1962, 19 pp.
UNCL., Ft Belvoir T-1714
(AD - 424880)

Cell - Electron
Oct 64

267,620

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Impedances of Beaming of Bands and Plates. Their Acoustic Relation to the Medium of Propagation, by S. Loventhal, P. Tournois, 28 pp.

FRENCH, Document #2108, R.S., C.S.F./D.P.A., SL/DC, dtd 19 Feb 1962. Prepared by Dept de Physique Appliquee, Compagnie Generale de Telegraphie Sans Fils, Paris, France.

Navy Tr 3200/NRL 897

Sci - Electron

211, 293

Sep 62

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

Value of a European Satellite for Television Broadcasting, by G. Plottin.
FRENCH, rpt, Compagnie Generale de Telegraphie Sans Fil, 25 Nov 1963, 23 pp.
NASA TT F-9138

Sci-Enr Sci & Astron
Dec 61
U.S. GOVERNMENT ONLY

269,984

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

63-15841

PRODUCTION OF BLENDED OXIDE PELLETS (UO2-ThO2) BY SINTERING IN AIR. Quarterly repr. 3 on Contract EUR/C/1356/60/f. [1962] 32p. Order from OTS or SLA $3.60 EURAEC-115

I. EURAEC-115
II. EURATOM (Belgium)

Trans. of 4 rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France) n.d.

DESCRIPTORS: Production, *Oxides, Pellets, *Sintering, *Uranium compounds, *Thorium compounds, Air, Hydrogen, Thermal conductivity, Gases, Furnaces, Reactor fuel rods.

The sintering in air of UO3-ThO2 mixtures as made it possible to obtain blends with a density exceeding 98% of the theoretical density. These results have been obtained both on pellets shaped by pressing and on extruded rods. Sintering U3O8-ThO2 mixtures gives definitely inferior results, both in air and in hydrogen. (Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 12) (over)

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62-32157

PRODUCTION OF MIXED UO_2 - ThO_2 PELLETS BY AIR SINTERING. Final rept. for 1 Sep 60-1 Sep 61, on Contract EUR/C/1356/60/f(33). 23 Oct 61, 37p. 7 refs.
Order from OTS or ILA $3.60 EURAEC-216

Trans. of rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France).

DESCRIPTORS: *Uranium compounds, *Thorium compounds, *Oxides, Production, *Sintering, Air, Controlled atmospheres, Hydrogen, Tests, Pellets.

Sintering, both in air and in cracked ammonia, yields high density (more than 90% of the theoretical value) mixed uranium and thorium oxides. Sintering in air at 1,600°C yields solid ThO_2-$UO_{2.3}$ solutions. Sintering in hydrogen yields solid ThO_2-$UO_{2.00}$ solutions. The successful outcome of the sintering is conditioned (Nuclear Physics--Nuclear Engineering, TT, v. 8, no. 10) (over)

I. EURAEC-216
II. EURATOM (Belgium)

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62-32025

URANIUM OXIDE EXTRUSION. Quarterly rept. no. 5 (rept. no. 1) on proposal 37. Contract EUR/3081/40 f. 15 Dec 60, 14p. Supersedes TID-12175.
Order from OTS on SLA $1.60 EURAEC-52

Trans. of rept. from Compagnie Industrielle des Combustibles Atomiques Frittés, Paris (France).

DESCRIPTORS: *Fuel rods, *Uranium compounds, Oxides, Extrusion, Additives, Sintering, Grains (Metallurgy), Dies, Molding, Thermal stresses, Moisture, Density

The object is to make cylindrical rods of uranium oxide 15 to 20 mm in diam and 150 to 200 mm long. The density must equal or exceed 95% of the theoretical (i. e., 10.4 g/cu cm) with dimensional tolerances (Nuclear Physics-Nuclear Engineering, TT, v. 8, no. 10) (over)

I. EURAEC-52
II. EURATOM (Belgium)
III. TID-12175 superseded

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URANIUM OXIDE EXTRUSION. Quarterly rept. no. 2 on proposal 3[illegible]. Contract EUR/C/1323/3/59 f. 15 Mar 60, 32p. Supersedes TID-12483. Order from OTS or SLA $2.60 EURAEC-13

Trans. of rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France).

DESCRIPTORS: *Fuel rods, *Uranium compounds, Oxides, *Extrusion, Plasticizers, Dies, Machining, Sintering, Grains (Metallurgy)

Natural Uranium Oxide cylindrical revolution rods were made, 16 to 18.5 mm in diameter, 180 to 260 mm long, 10 to 10.15 g/cm3 in density and 3/10 yield, by Rhodoviol extrusion of Uranium Oxide of average specific surface (7 to 8 m2/g). The influence of the type of bond, method of granulation, character- (Nuclear Physics--Nuclear Engineering, TT, v. 8, no. 10) (over)

62-32038

I. EURAEC-13
II. EURATOM (Belgium)
III. TID-12483 superseded

Office of Technical Services

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62-33157

URANIUM OXIDE EXTRUSION Quarterly rept. no. 3 (2d yr. quarterly rept. 7) Apr.-June 61, on [Contract 030-60-9 RDF] [1962] 27p.
Order from OTS or BLA $2.60 EURAEC-119

I. EURAEC-119
II. EURATOM (Belgium)

Trans. of a rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France) n. d.

DESCRIPTORS: Reactor fuel elements, *Reactor fuel rods, *Uranium compounds, *Oxides, *Extrusion, Powder metallurgy, Tests.

Extruded rods obtained, when using an uranium oxide powder of low specific area (2.7 sq. m per g), had a density of 10.40 to 10.45 g per c.c., which is more than 95% of the theoretical density. These cylindrical rods having a ratio of $\frac{L}{D} = 10$ (10 to 15 mm diameter and 100 to 150 mm long rods) have been obtained by uranium (Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 5) (over)

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APPROVED FOR RELEASE: 09/14/ 2001 CIA-RDP84-00581R000401160035-8

62-32044

PRODUCTION OF MIXED UO_2-ThO_2 OXIDE PELLETS BY SINTERING IN AIR. Quarterly rept. no. 2 on Contract EUR/C/1356/80/f. [1962] 25p
Order from OTS or SLA $2.60 EURAEC-58

Trans. of a rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France) n.d.

DESCRIPTORS: Reactor fuel rods, *Uranium compounds, *Thorium compounds, *Oxides, Pellets, Production, *Sintering, Extrusion, Air, Controlled atmospheres, Hydrogen, Tests, Additives.

A study was made of the influence of some additives on the sintering speed of thoria. Vanadium oxide proved to be superior to calcium oxide. Micrographic examination of pellets containing vanadium revealed the presence of a secondary phase which is not observed in the case of calcium oxide. Sintering in air of mixtures (Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 5) (over)

I. EURAEC-58
II. EURATOM (Belgium)

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URANIUM OXIDE EXTRUSION. Quarterly rept no. 6 (rept. no. 2) for Jan-Mar 61, on proposal 37, 31 Mar 61, 22p.
Order from OTS on SLA $2.60 EURAEC-62

Trans. of rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France)

DESCRIPTORS. *Fuel rods. *Uranium compounds. Oxides, Extrusion, *Tragacanth, Bonding, Additives, Bentonite, Niobium compounds, Titanium compounds, Sintering, Dies, Milling, Pressure, Moisture, Lubricants, Thermal stresses, Conductivity

By using average specific surface uranium powder (6 to 7 m2/g) we have obtained extruded rods of 10.60 to 10.65 g/cm3 density, or 96 to 97% of the theoretical density. These 10 to 15 mm diameter and 100 to 150 mm long cylindrical rods have been obtained by (over)

62 32160

I. EURAEC 62
II. EURATOM (Belgium)

NP-tr. 605

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62-32328

URANIUM OXIDE EXTRUSION. Quarterly rept. no. 4 for Jan.-Sep. 61, on Contract EUR/3061/60/f. Nov 61, 15p.
Order from OTS or SLA $1.60 EURAEC-195

Trans. of rept. from Compagnie Industrielle des Combustibles Atomiques Frittes, Paris (France).

DESCRIPTORS: *Fuel rods, *Uranium compounds, Oxides, *Extrusion, *Tragacanth, Bonding, Additives, Thermal stresses, Conductivity, Mechanical properties, Spectrographic analysis

The extruded rods obtained, when using an uranium oxide powder having a specific area of 8 sq m per g supplied by the C. E. A., had always a density of not less than 10.50 g per c. c. These values confirm the results obtained during the second quarter with a (Nuclear Physics--Nuclear Engineering, TT, v. 8, no. 10) (over)

I. EURAEC-195
II. EURATOM (Belgium)

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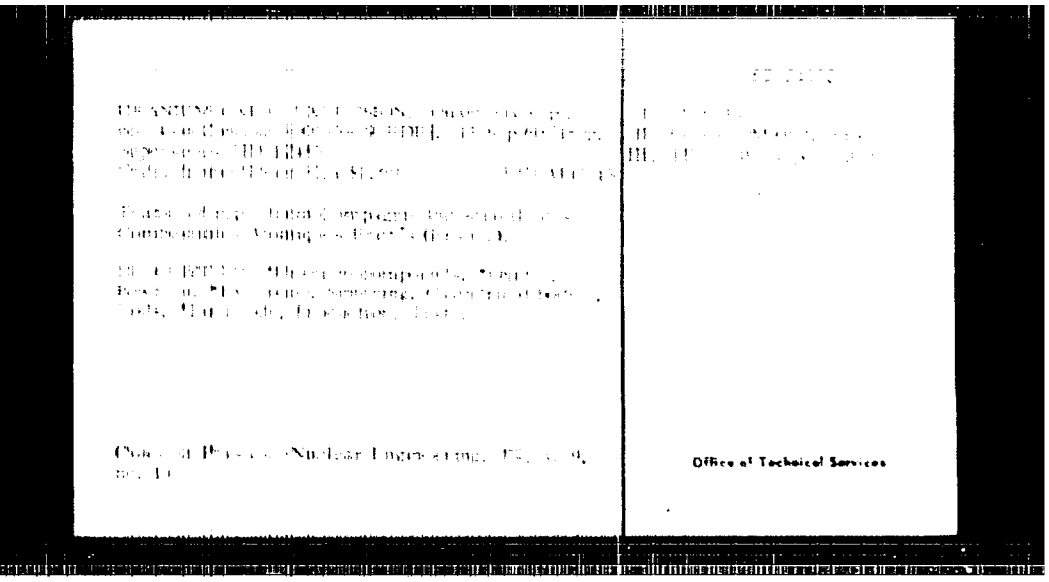

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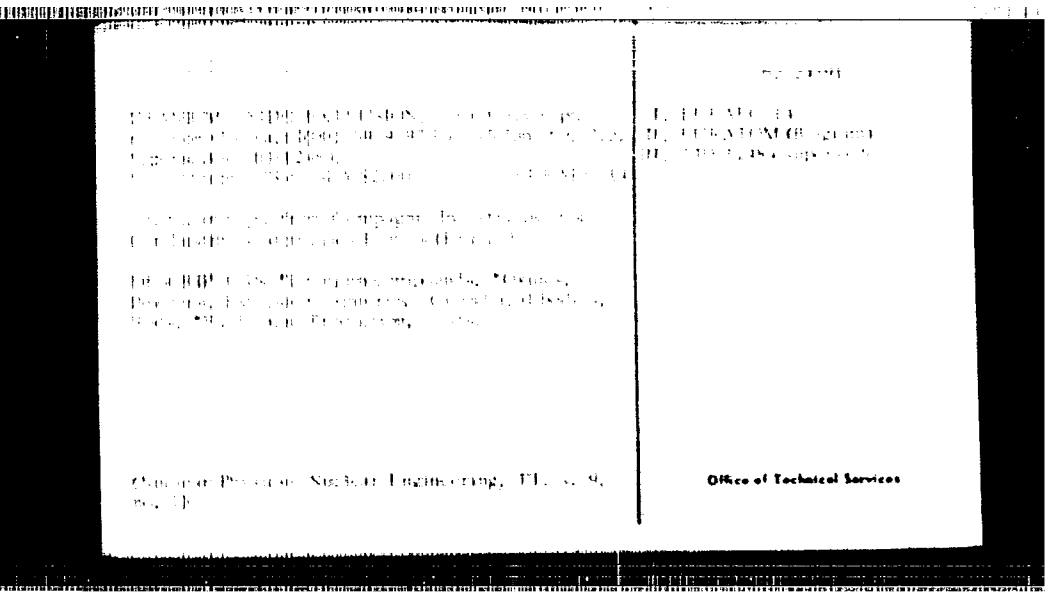

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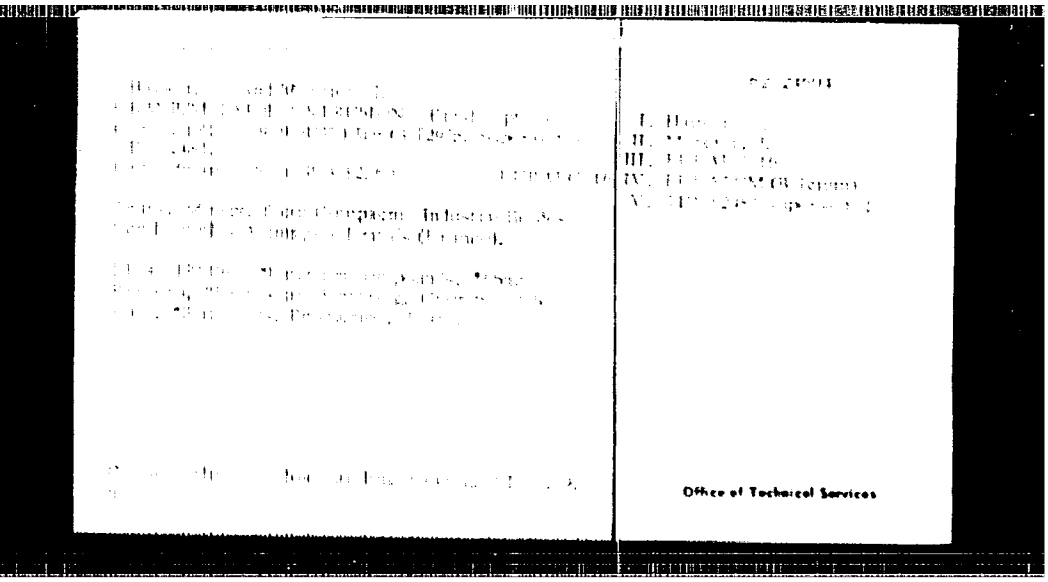

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Extrusion of Uranium Oxide, by R. Hauser, J. Mercier.

FRENCH, rpt, Compagnie Industrielle des Combustibles Atomiques Frittes, Corbeville, par Orsay(Seine-et-Oise), Jun 1961, 35 pp.

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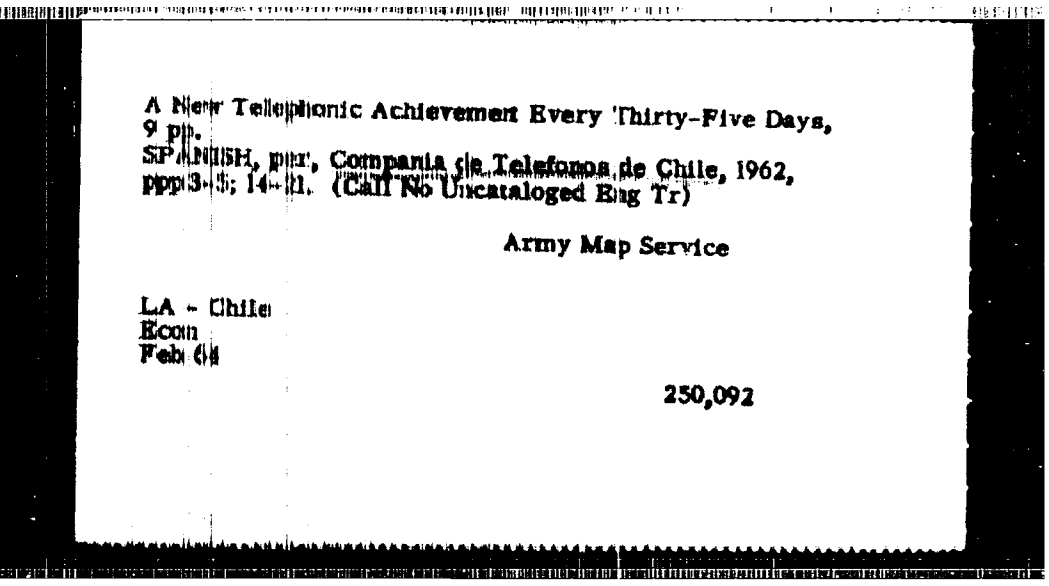

A New Telephonic Achievement Every Thirty-Five Days,
9 pp.
SPANISH, ptr, Compania de Telefonos de Chile, 1962,
ppp 3-5; 14-11. (Call No Uncataloged Big Tr)

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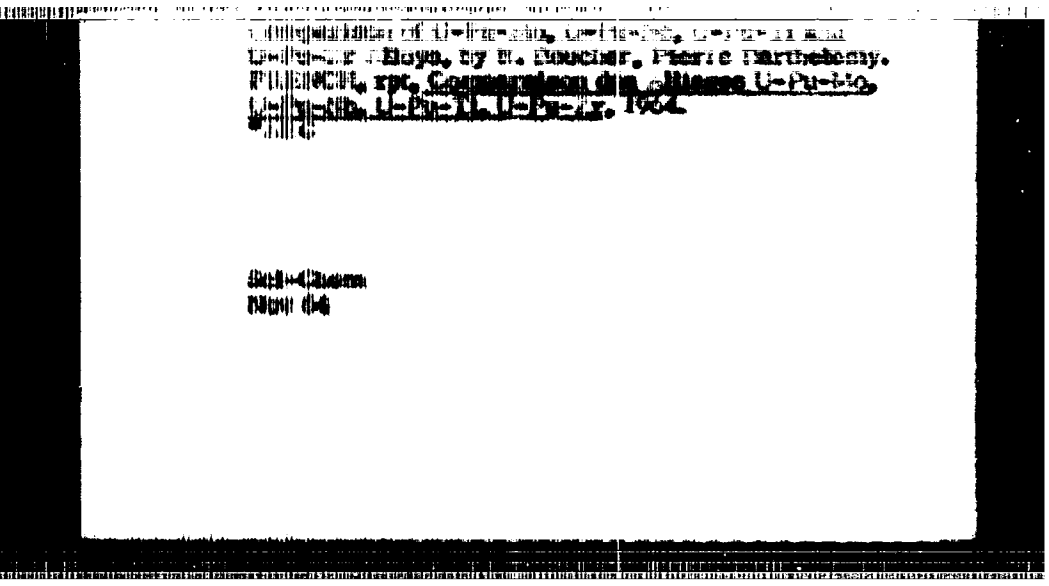

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Characteristic Reactions of the Well-known Luminescing Substances, by Prof F. Schmidt, 9 pp.

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Origin and Evolution of a Conspiracy against the Dominican Government in 1960, by Rafael Valera Benitez, 67 pp.
[redacted]
[redacted], bk., Complot Revelado! 1960, pp. 1-39[illegible].
[redacted] 967

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